Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1.      (Currently Amended)  A computer system comprising:

a first memory subsystem to store a full operating system (OS) and a mini operating system;

a mechanical switch having a first state and a second state;

a first circuit to execute a boot code and to determine a state of the mechanical switch at power-on; and

a second circuit to boot the full OS as a primary OS of the computer system if the first circuit determines that the mechanical switch is in the first state at power-on and to boot the mini OS as the primary OS of the computer system if the first circuit determines that the mechanical switch is in the second state at power-on, wherein the mechanical switch has a third state and a fourth state, the second circuit to boot the full OS as the primary OS of the computer system and to make the full OS the default OS if the first circuit determines that the mechanical switch is in the third state at power-on, and to boot the mini OS as the primary OS of the computer system and to make the mini OS the default OS if the first circuit determines that the mechanical switch is in the fourth state at power-on.

2.      (Original)  The computer system of claim 1, further comprising a storage location to store a pointer to a default OS.

3.    (Original) The computer system of claim 2, wherein the mechanical switch has a third state, the second circuit to boot the default OS as the primary OS of the computer system if the first circuit determines that the mechanical switch is in the third state at power-on.


4.    (Canceled)


5.    (Original) The computer system of claim 1, wherein the first circuit includes a processor, and the second circuit includes the processor and a second memory subsystem into which at least a portion of the full OS or the mini OS is loaded if the mechanical switch is in the first state or the second state, respectively, at power-on.


6.    (Original) The computer system of claim 3, wherein the first circuit includes a processor, and the second circuit includes the processor and a second memory subsystem into which at least a portion of the full OS or the mini OS is loaded if the mechanical switch is in the first state or the second state, respectively, at power-on.


7.    (Original) The computer system of claim 1, wherein the mechanical switch is a keyboard.

8.    (Original)  The computer system of claim 1, wherein the mechanical switch is a

power switch.


9.    (Original)  The computer system of claim 1, wherein the full OS takes at least ten

times longer to boot than the mini OS, and the full OS is at least ten times the

size of the mini OS.


10.    (Original)  The computer system of claim 1, wherein the mini OS is a subset of

the full OS.


11.    (Currently Amended)  A method comprising:

enabling a user to boot a full operating system (OS) as a primary OS on a

computer system by placing a mechanical switch in a first state at power-

on; [[and]]

enabling the user to boot a mini OS as the primary OS on the computer

system by placing the mechanical switch in a second state at power-on;

enabling the user to boot a default OS as the primary OS on the computer

system by placing the mechanical switch in a third state at power-on, the default

OS being either the full OS or the mini OS based on user-defined setting in the

computer system;

enabling the user to boot the full OS as the primary OS on the computer

system and to make the full OS the default OS by placing the mechanical

switch in a fourth state at power-on; and

<u>enabling the user to boot the mini OS as the primary OS on the computer system and to make the mini OS the default OS by placing the mechanical switch in a fifth state at power-on</u>.

12-13. (Canceled)

14.   (Original)  The method of claim 11, wherein placing the mechanical switch in the first state includes holding down one or more first keys, and placing the mechanical switch in the second state includes holding down one or more second keys.

15.   (Original)  The method of claim 11, wherein placing the mechanical switch in the first state includes sliding the mechanical switch to a first position.

16.   (Original)  The method of claim 15, wherein the mechanical switch is a power switch of the computer system.

17.   (Original)  The method of claim 15, wherein placing the mechanical switch in the second state includes sliding the mechanical switch to a second position.

18.   (Original)  The method of claim 17, wherein the mechanical switch is a power switch of the computer system.

19.     (Original)  A computer system programmed to implement the method of claim 11.

20.     (Original)  A computer system programmed to implement the method of claim 12.

21.     (Currently Amended)  A computer-readable medium including a plurality of instructions readable therefrom, the instructions, when executed by a computer system, cause the computer system to perform operations comprising:

determining a state of a mechanical switch at power-on;

booting a full operating system (OS) as a primary OS on the computer system if it is determined that the mechanical switch is in a first state at power-on; and

booting a mini OS as the primary OS on the computer system if it is determined that the mechanical switch is in a second state at power-on, wherein the operations further comprise booting a default OS as the primary OS of the computer system if it is determined that the mechanical switch is in a third state at power-on;

booting the full OS as the primary OS on the computer system and making the full OS the default OS if it is determined that the mechanical switch is in a fourth state at power-on; and

booting the mini OS as the primary OS on the computer system and making the mini OS the default OS if it is determined that the mechanical switch is in a fifth state at power-on.

22-23. (Canceled)

24.     (Original)  The computer readable medium of claim 21, wherein booting the full

OS takes at least ten times longer than booting the mini OS, and the mini OS is a

subset of the full OS.